

Summary of Changes to the Draft CAAPP Permit

Prairie Hill RDF/Whiteside County Landfill

I.D. No.: 195814AAF

Permit No.: 98120018

Note: Numerous typographic errors were corrected but are not listed below.

Section 4.1.2(c)(i)(A)(II) (p 24): Revised to incorporate the revised GCCS design plan:

- II. Pursuant to 40 CFR 60.752(b)(2)(i) and Section 39.5(7)(a) of the Act, the landfill gas collection and control system shall be designed, installed, and operated as per the Illinois EPA approved landfill gas collection and control system design plan, dated July 5, 2000.

Pursuant to 40 CFR 60.752(b)(2)(i)(A) and Section 39.5(7)(a) of the Act, the collection and control system shall meet the design requirements in Condition 4.1.2(c)(i)(A)(III) and 40 CFR 60.752(b)(2)(ii).

To:

- II. Pursuant to 40 CFR 60.752(b)(2)(i) and Section 39.5(7)(a) of the Act, the landfill gas collection and control system shall be designed, installed, and operated as per the Illinois EPA approved landfill gas collection and control system design plan, dated May 8, 2014.
 - 1. Pursuant to 40 CFR 60.752(b)(2)(i)(A) and Section 39.5(7)(a) of the Act, the collection and control system shall meet the design requirements in Condition 4.1.2(c)(i)(A)(III) and 40 CFR 60.752(b)(2)(ii).
 - 2. Pursuant to 40 CFR 60.752(b)(2)(i)(B) and Section 39.5(7)(a) of the Act, the Illinois EPA approves the following alternatives to the operational standards, test methods, procedures, compliance measures, monitoring, recordkeeping or reporting provisions of 40 CFR 60.753 through 60.758:
 - (a) The Permittee may exclude from surface emissions monitoring, required pursuant to Condition 4.1.2(c)(ii)(B)(I) and 40 CFR 60.756(a), the following areas designated as dangerous: the active area of the landfill; roads and other truck traffic areas; slopes steeper than or equal to 4:1 from requirements; and areas with ongoing construction and repair of the gas collection system.

Section 4.1.4(a)(ii)(I)(2) (p 45): Moved the following sentence down into the "operating log" subsection and re-numbered:

Moved

2. The LFG consumed by the flare, on a daily basis.

To:

2. An operating log which shall include the following:
 - (a) Status of the flare.
 - (b) Adjustments to the flare's operating parameters.
 - (c) The LFG consumed by the flare, on a daily basis.
 - (d) ~~(e)~~ Identification of any period when the flare was to be in service but was out of service with a detailed explanation of the cause and an explanation of actions taken to prevent or reduce the likelihood of future occurrences.

Section 4.1.4(a)(ii)(II)(1) (p 45): Revised

1. Maximum hourly emissions of NOx, CO, PM, VOM, NMOC, and total HAPs used to calculate emissions of the open flare, with supporting documentation.

to

1. Maximum hourly emissions of NOx, CO, PM, VOM, NMOC, and total HAPs used to calculate emissions of the open flare, with supporting emission calculations and documentation for the emission factors and the efficiency of the control measures being relied upon by the Permittee.

Section 4.2.4(a)(i)(A)(II) and (III) (p 56): Revised

- II. The design capacity of the affected flare shall not exceed 500 scfm of LFG.
- III. Emissions from the 500 scfm rated open flare shall not exceed the following limits:

to:

- II. The landfill gas flow rate to the landfill gas utility flare shall not exceed 500 scfm.
- III. Emissions from the landfill gas utility flare shall not exceed the following limits: